



FAA-E-2647
AMENDMENT-1
July 18, 1977

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION SPECIFICATION

CATEGORY III INSTRUMENT LANDING SYSTEM

This amendment forms a part of FAA-E-2647 dated December 5, 1975.

Page 36, paragraph 3.5.3.4h: Delete "±.0002 percent" and substitute:
"± .002 percent".

Page 37, paragraph 3.5.3.5i: Delete "±.0002 percent" and substitute:
"±.002 percent".

Page 37, paragraph 3.5.3.8: Delete "±2 ppm" and substitute:
"±20 ppm".

Page 40, paragraph 3.5.3.22: Delete.

Page 40, paragraph 3.5.3.24: Delete, and substitute the following
therefor:

"3.5.3.24 Modulator test circuits.- For test purposes, two identical linear detectors for sampling the respective signals at the carrier output and sideband output shall be provided. The output of each of the linear detectors shall be a minimum of 300 millivolts into a 20K ohm load and shall be available at type BNC coaxial connector female jacks on the front panel. Additionally, easily accessible test points shall be provided for testing of the 90 Hz and 150 Hz modulation signals."

Page 40, paragraph 3.5.3.25: Delete "60dB" and substitute: "30dB".

Page 44, paragraph 3.5.4.4: Delete "Five seconds prior to the anticipated shutdown, the monitor shall trigger the localizer transmitter shutdown alert signal which is a nominal 1900/2100 Hz tone modulation of the transmitter".

Page 58, paragraph 3.6.1(a)(2): Delete the last sentence and substitute:

"The tower shall be sectionalized, consisting of one 20-foot section, one 10-ft section and two 5 ft. sections."

Page 58, paragraph 3.6.1(b)(3): Delete sentence and substitute:

"One 20 ft. tower section to increase the height of the antenna tower of 3.6.1a to a maximum of 60 ft.".

Page 63, paragraph 3.6.3.5h: Delete "±.0002 percent" and substitute:

"±.002 percent".

Page 63, paragraph 3.6.3.9: Delete "±2 ppm" and substitute:

"±20 ppm".

Page 65, paragraph 3.6.3.23: Delete "60dB" and substitute: "30dB".

Page 73, paragraph 3.6.5.2(d): Delete "25 dB" and substitute "16 dB".

Page 73, paragraph 3.6.5.2(e): Delete "1.15" and substitute "1.20".

Page 74, paragraph 3.6.5.5: Delete the last eight (8) words "capable of adjustment for phasing and power pickoff." and substitute: ".".

Page 88, paragraph 3.8.2(c): Delete "Category I" and substitute:
"Category II".

Page 89, paragraph 3.8.5(b): Delete "Category I" and substitute:
"Category II".

Page 90, paragraph 3.8.5.2: Delete "3.8.5.2 Category I status indication. - The Category I status shall be illuminated only if all the following conditions are positive:" and substitute:

"3.8.5.2 Category II status indication. - The Category II status shall be illuminated only if all the following conditions are positive:".

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